

## U.S. GEOLOGICAL SURVEY

DFS V LOG

VESSEL BAIKAL CRUISE NO. BAIK-92-1 DATE 9/1/92



SHOT INTERVAL (DISTANCE) \_\_\_\_\_ m OR TIME 25 sec.

OFFSET 495 m PRIME NAVIGATION GPS

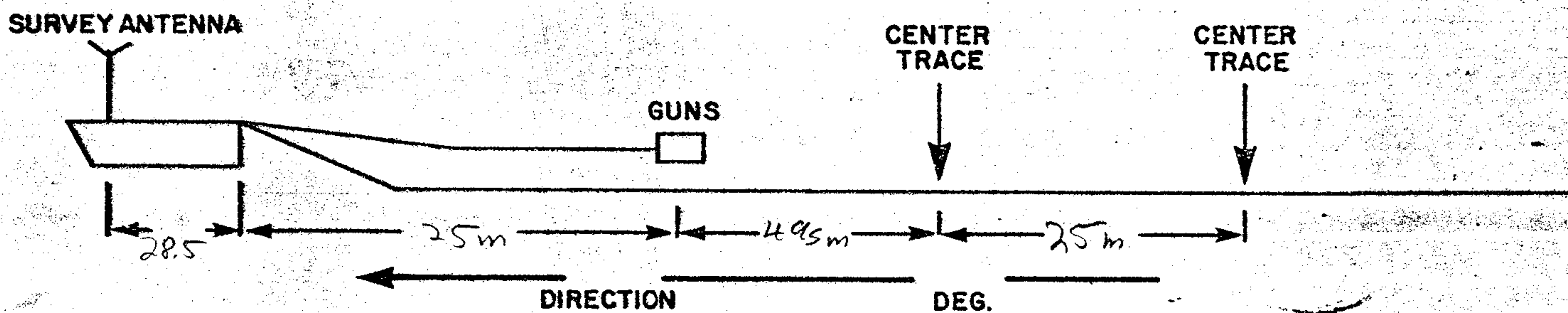
LINE NO. 26 DIR.      DEG. CABLE TYPE 96 trace

LOCATION S. Basin Baikal TRACE INT. 25 m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT ✓

RECORD LENGTH ps EXTENDED HEADER START WORD ✓

SOUND SOURCE 9 guns 1434 cu. in. @ 1900 psi @ 6 depth (m)



RECORD				REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS		MAN <u>IFP</u>	FILTERS		TRIP SENSE	INITIAL GAIN	MODE
	LO/SLOPE	HI		LO	HI			
24 dB	5/15	64		5	64	3	4	AGC

DECK NO.	REEL NO.	CONSTANTS			FILE NO.		SP NO.		TIME	
		DAY NO.	LINE NO.	DIR. DEG.	FROM	TO	FROM	TO	START	FINISH
1	156	243	0026		1	82			1640	1714
2	157				83	165			1714	1748
1	158				166	247			1748	1823
2	159	Excessive Parity Errors			248	262	E.		1823	1830
1	160				263	344			1830	19:04
2	161				345	427			19:04	19:39
1	162				428	509			19:39	20:13
2	163				510	592			20:13	20:47
1	164				593	674			20:48	21:21
2	165				675	682			21:22	21:25

end of line 26



## OBSERVER'S MARINE REPORT

VESSEL R/V Baikal DATE 9-1-92 # 35

Client USGS Type instrument DFS-V Offset distance 495 m.  
 Area S. BASIN Record filter 5-64 Hz Group interval 25 m  
 State Baikal Sample rate 40 ms Fold coverage 48  
 Observer Unger gun depth 6 m In.<sup>3</sup> of guns 9 Guns

Pre-plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		1	1640			813	156	26	SOL # 26
		13	1645	311	9109.9, 9887.8	861	156		PE 6 122
		49	1700	316		981	156		
		97	1720			1022	158		
		123	1731	309	810888.8, 76.8	1077	1		
		157	1745			1143			
		193	1800	317		1222	15		
		287	1841	312	810.88, 988, 1028	1336	159		PE 248 249 250
		335	19:01	316		1298	160		248-262 PE
		371	19:15			691	161		
		406	19:30			904	162		
		443	19:45			998	162		
		479	20:00	309		1118	163		
		515	20:15	310		1189	163		
		551	20:30			1210			
		587	20:45	312		1217	163		
		622	21:00			1228	164		
		658	21:15			1188			
						1127	165		PE 675, 681
		682	21:25			1124			100m up off end
					end of line 26				